

YUEDU Industrial Shredding Solution Proposal

3 Tons/Hour EVA Foam, Rubber & Soft Plastic Continuous Production Line

Prepared by: Shanghai YueDu Technology Co., Ltd.

Brand: YUEDU

Industry Focus: Industrial Shredding & Customized Recycling Solutions

1. Project Overview

Customer Requirements

The customer requires a continuous shredding and crushing production line for processing soft industrial materials.

Materials to be Processed

- EVA foam materials
- Rubber materials
- Plastic materials
- Soft composite materials
- Flexible industrial waste materials


Production Requirements

Item	Requirement
Capacity	3 Tons per Hour
Output Size	Approx. 30 mm
Production Type	Continuous Production Line
Feeding Method	Conveyor Feeding
Material Type	Soft & Flexible Materials

2. Recommended Solutions

YUEDU provides two professional solution options based on the customer's material characteristics, production capacity requirements, and investment preferences.

 **Website(Global):** www.yuedushredders.com

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OPTION 1

Single Crusher + Conveyor Belt System

Solution Description

This solution uses a high-capacity heavy-duty crusher directly connected with a conveyor feeding system.

It is suitable for:

- EVA foam
- Rubber scraps
- Flexible plastics
- Soft industrial materials

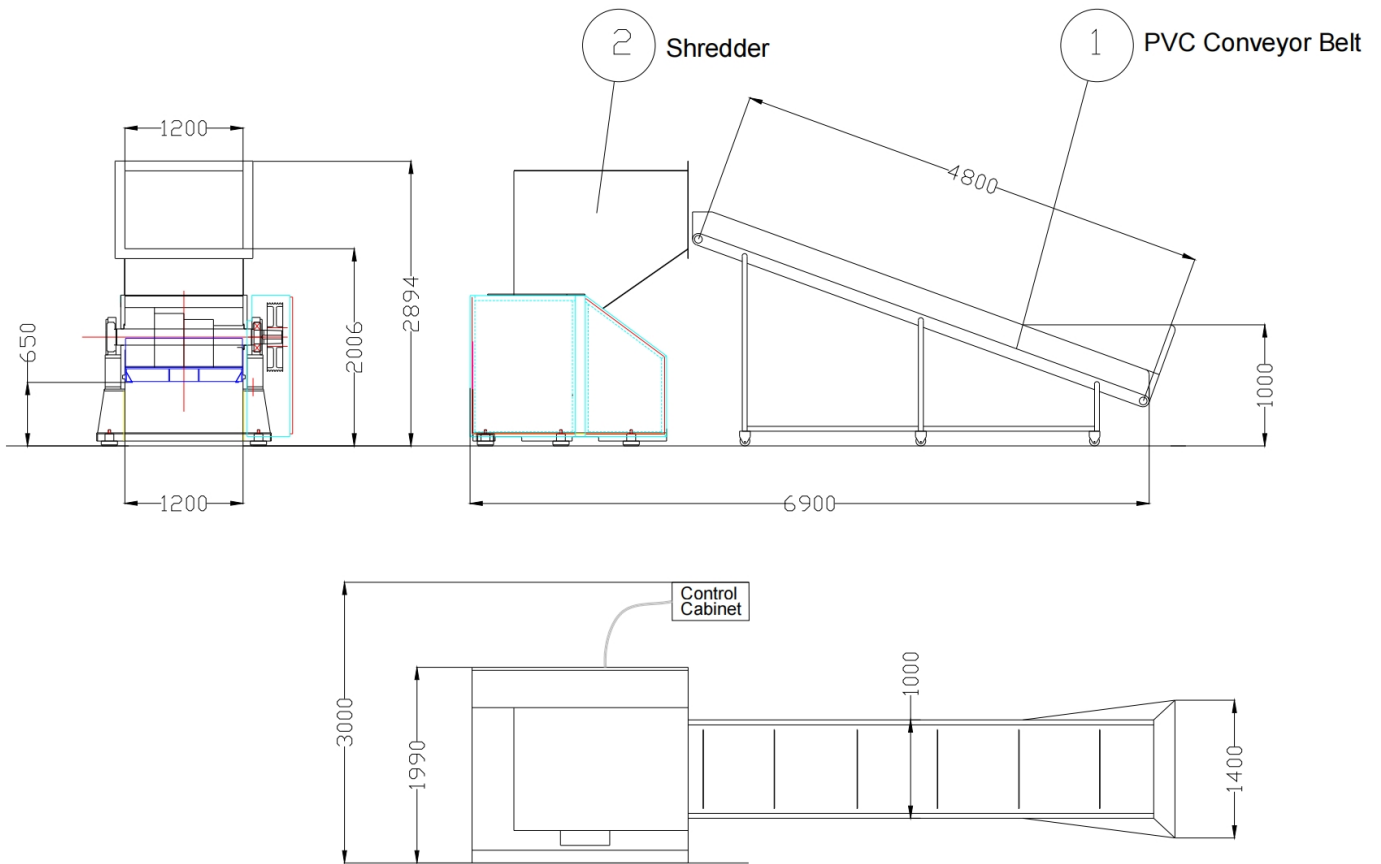
The system structure is relatively simple and suitable for customers who prefer:

- Simplified production flow
- Lower maintenance complexity
- Compact equipment layout
- Continuous feeding operation

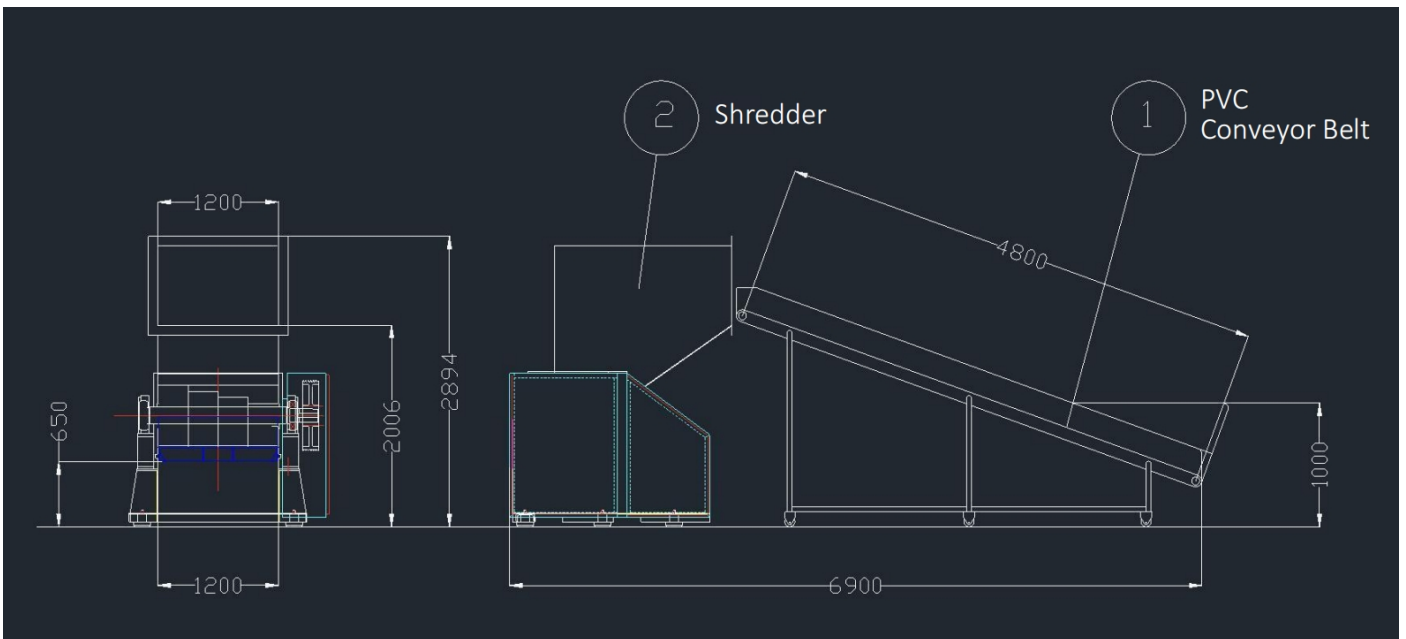
System Configuration

Equipment	Model	Quantity
Conveyor Feeding System	Customized	1
Heavy-Duty Shredder	XG60120	1

Dimensional Drawing



DWG Format Preview




XG60120 Crusher Technical Specifications

Parameter	Specification
Model	XG60120
Motor Power (kW)	55
Rotor Diameter (mm)	600
Rotor Speed (RPM)	480
Cutting Chamber Size (mm)	620 × 1200
Rotating Blades (pcs)	28
Fixed Blades (pcs)	4
Blade Material	D2
Feeding Port Size (mm)	600 × 1200
Feeding Height (mm)	1600
Screen Hole Size (mm)	30
Maximum Capacity (kg/h)	3000
Machine Weight (kg)	7500
Machine Dimensions (mm)	2000 × 2140 × 2000

Advantages of Option 1

- **Simple Structure**
Fewer machines and easier system management.
- **Continuous Feeding**
Suitable for stable continuous production.
- **Lower Maintenance Complexity**
Reduced mechanical linkage compared with multi-stage systems.
- **High Production Capacity**
Capable of processing up to 3 tons per hour.
- **Lower Initial Equipment Quantity**
Suitable for customers who prefer a more compact investment solution.

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OPTION 2

Dual-Shaft Shredder + Crusher Continuous Production Line

Solution Description

This solution adopts a two-stage shredding and crushing process:

1. Primary shredding using a dual-shaft shredder
2. Secondary crushing using a heavy-duty crusher

This configuration is highly suitable for:

- Large EVA foam blocks
- Flexible rubber materials
- Tough soft plastics
- Materials requiring more stable feeding
- Materials with irregular sizes

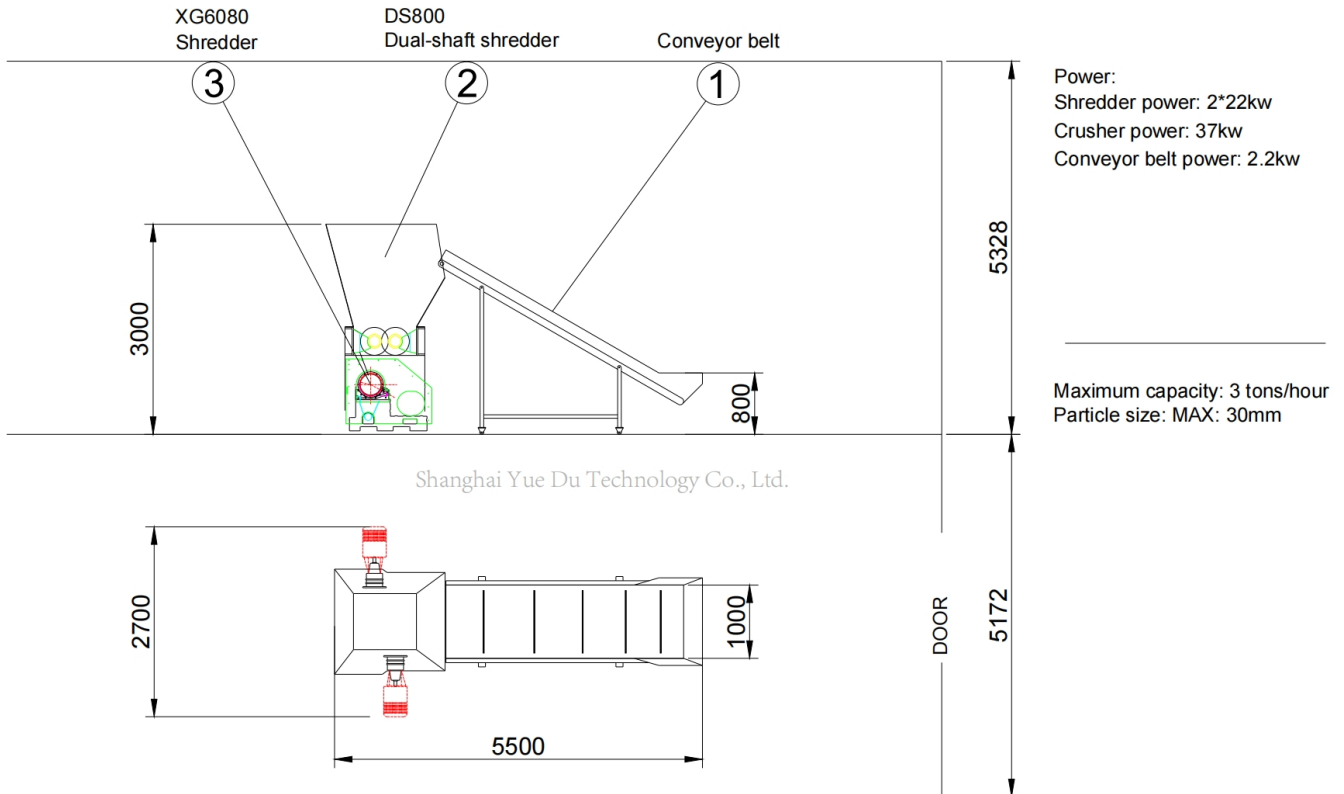
Compared with Option 1, this solution provides:

- Better feeding stability
- More uniform output size
- Reduced crusher load
- Improved system stability for difficult materials

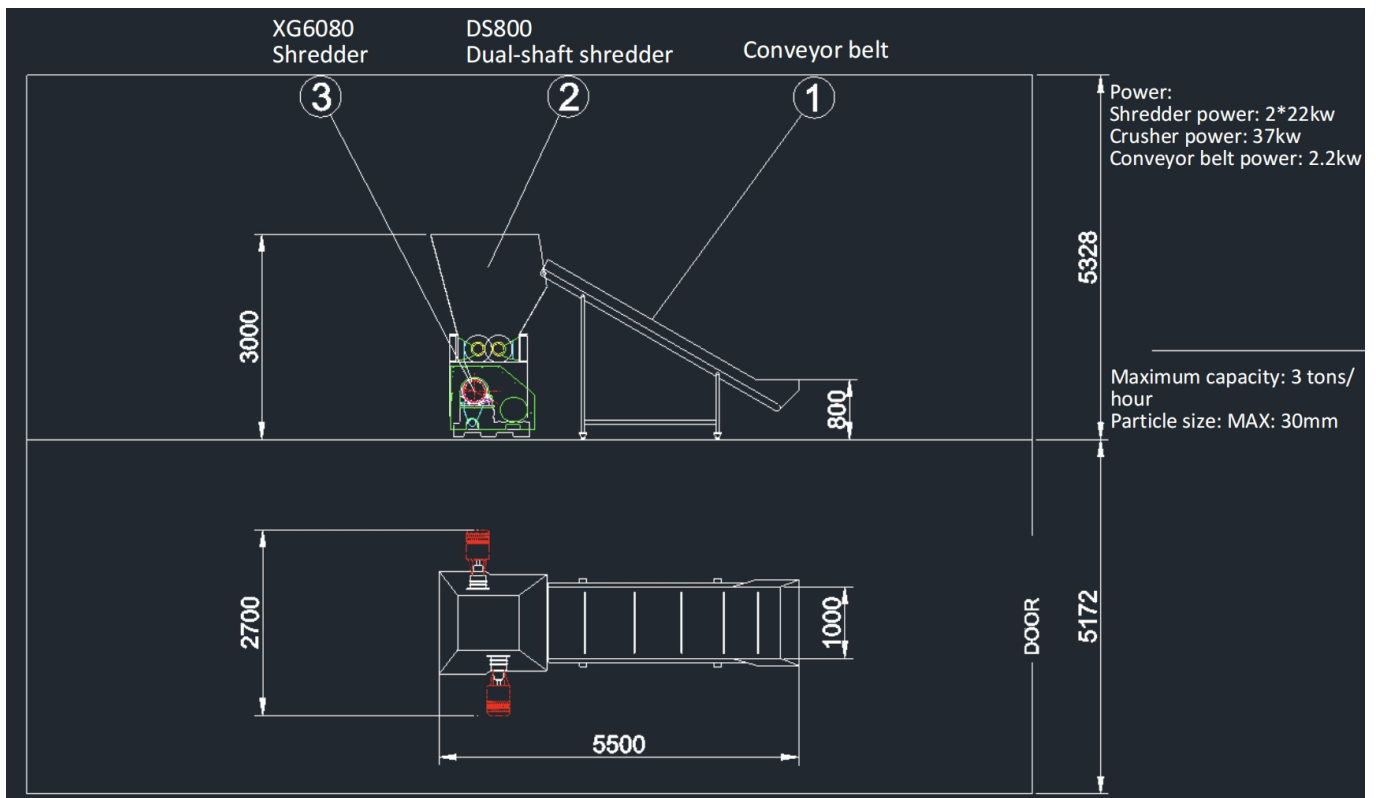
System Configuration

Equipment	Model	Quantity
Conveyor Feeding System	Customized	1
Dual-Shaft Shredder	DS800	1
Heavy-Duty Crusher	XG6080	1

Dimensional Drawing



DWG Format Preview



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DS800 Dual-Shaft Shredder Technical Specifications

Parameter	Specification
Model	DS800
Motor Power (kW)	2 × 22
Rotor Diameter (mm)	350
Rotor Speed (RPM)	25
Cutting Chamber Size (mm)	800 × 700
Rotating Blades (pcs)	16
Spacer Quantity (pcs)	16
Blade Material	H13
Feeding Port Size (mm)	1500 × 1200
Feeding Height (mm)	2250
Maximum Capacity (kg/h)	3000
Machine Weight (kg)	4500
Machine Dimensions (mm)	2700 × 1800 × 2850
Suitable Materials	EVA, Rubber Cloth, Soft Materials

XG6080 Crusher Technical Specifications

Parameter	Specification
Model	XG6080
Motor Power (kW)	37
Rotor Diameter (mm)	600
Rotor Speed (RPM)	480
Cutting Chamber Size (mm)	600 × 800
Rotating Blades (pcs)	10
Fixed Blades (pcs)	4
Blade Material	D2
Screen Hole Size (mm)	30
Feeding Height (mm)	1800
Maximum Capacity (kg/h)	3000
Machine Weight (kg)	2000
Machine Dimensions (mm)	1700 × 1800 × 2000
Note	Discharge conveyor handled by customer

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Advantages of Option 2

- **Better Material Handling Stability**
The dual-shaft shredder performs primary size reduction before crushing.
- **More Stable Feeding**
Suitable for large-volume soft and flexible materials.
- **Reduced Crusher Load**
Improves long-term equipment reliability.
- **More Uniform Output Size**
Better control over final discharge size.
- **Better for Difficult Materials**
Recommended for irregular EVA blocks and flexible rubber products.


3. Solution Comparison

Item	Option 1	Option 2
Structure	Single Crusher	Shredder + Crusher
Investment Cost	Lower	Higher
Feeding Stability	Medium	Excellent
Material Adaptability	Good	Excellent
Maintenance Complexity	Lower	Medium
Output Stability	Good	Excellent
Recommended Materials	Soft & Uniform Materials	Difficult & Irregular Materials

4. YUEDU Technical Advantages

- **Heavy-Duty Industrial Design**
Designed for continuous industrial production.
- **Customized Solutions**
YUEDU provides customized shredding systems according to material type and production requirements.
- **Global Export Experience**
YUEDU equipment has been exported to multiple countries and regions worldwide.

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- **Professional Engineering Support**

Support includes:

- Equipment selection
- Production line design
- Layout planning
- Technical consultation
- Installation guidance

5. About YUEDU

Shanghai YueDu Technology Co., Ltd.


YUEDU specializes in:

- Industrial shredders
- Dual-shaft shredders
- Crushers
- Secure destruction systems
- Recycling equipment
- Customized shredding production lines

Main applications include:

- Plastic recycling
- Rubber recycling
- EVA foam processing
- Confidential destruction
- Industrial waste recycling
- E-waste recycling

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About YUEDU Development History

Shanghai Yuedu Technology Co., Ltd.

The company's team has been focusing on large-scale shredding equipment (shredders) for many years, specializing, refining, and strengthening the shredding equipment. With a customer-oriented research and development production system, we deliver high-quality products and services to meet customer needs.



Shredding Equipment and Shredding Systems



Quality Assurance and Third-Party Certifications



Examination Certificate of SICT

CERTIFICATE of Conformity
E.C Council Directive 2006/42/EC and 2014/35/EU

Certificate No.: XK2109012012C

Applicant: Shanghai Yuedu Technology Co., Ltd.
Room 1702, Building 12, No 355 Chengyin Road, Baoshan City Industrial Park, Shanghai

Manufacturer: Shanghai Yuedu Technology Co., Ltd.
Room 1702, Building 12, No 355 Chengyin Road, Baoshan City Industrial Park, Shanghai

Product: shredder
YD-PQ425, 230, 250, 300, 310, 320, 330, 338, 400, 416, 426, 428, 448, 560, 600, 606, 1000, 1200, 1500, YD-PQ338, YD-PQ325, YD-GD420, YD-GD600

Brand Name: YUEDU 誉都

Test Standard: EN ISO 12100:2010
EN 62054-1:2018

The certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical report is at the applicant disposal. This is to certify the tested sample that is in conformity with all provisions of above MD directive. It is only valid in connection with the test report number XK2109012012M.

The certificate does not imply the assessment of the production and does not permit using the SICT's logo without permission.

Authorized Signer: Andy Wang, Manager
Date: August 30, 2021

Shenzhen SICT Technology Co., Ltd.
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E-mail: info@sict-lab.com.cn; Web: www.sict-lab.com.cn



检测报告
TESTING REPORT

DE Certification Lab MA CNAS

委托单位: 上海誉都科技有限公司
委托单位地址: 上海宝山区安业路355号爵悦湾二期1702室

产品名称	碎纸机	样品数量	1
型号/货号	/	名称/规格	110MM/60MM
样品来源	送样	检测方法	目视
生产日期	2020年09月05日-2020年09月09日		

判定依据	结果
GB 4706.1-2005 《家用和类似用途电器的安全 第1部分: 通用要求》	合格

备注: 表中符号“*” 指不符合 GBAS 认可范围号; 符号“**” 指不符合 GBAS 认可范围号。

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审核: 孙一
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2021年04月26日



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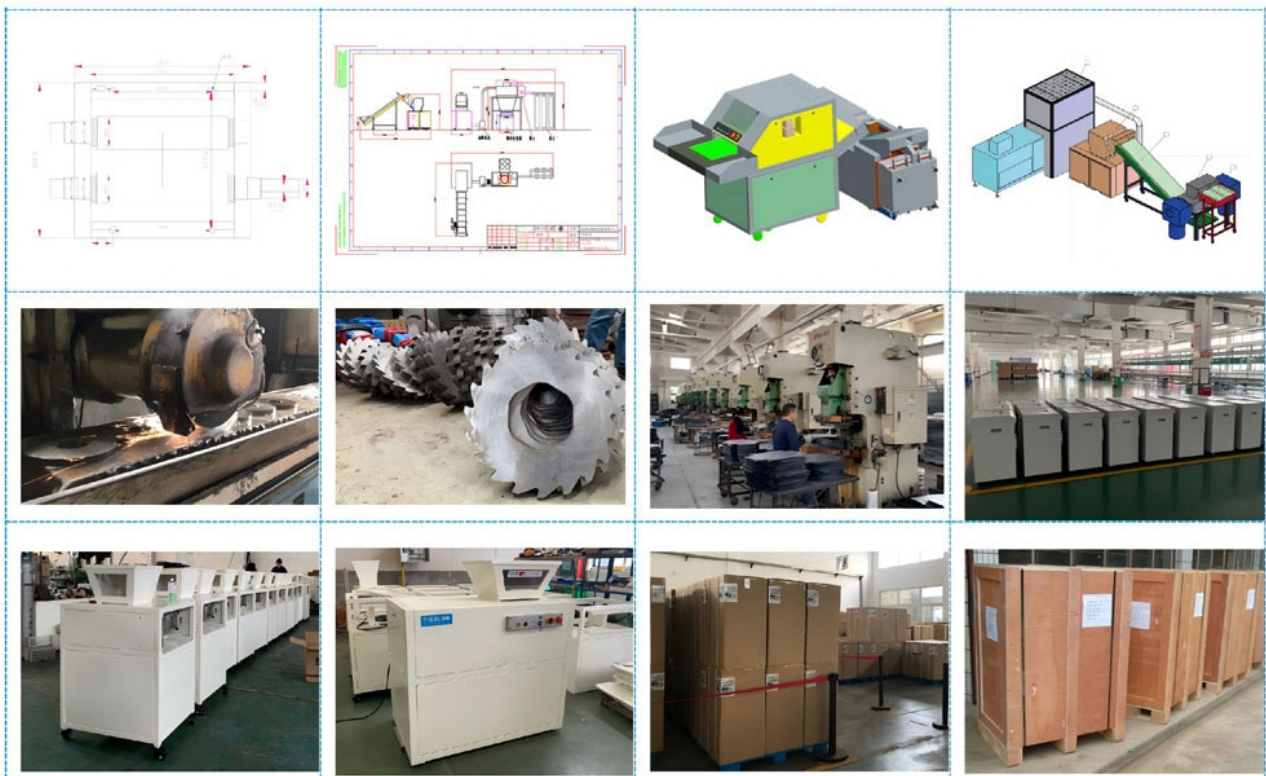
No. 0710017
2021年04月26日

Shanghai High-Tech Enterprise Certificate



Product Delivery Process

Planning, Design, Manufacturing, Testing,
Debugging, Packaging, Shipping



Business License (Official Chinese & English Translation)



Business License (Translated Version)

Shanghai Yuedu Technology Co., Ltd.

◆ Company Information

Company Name:

Shanghai Yuedu Technology Co., Ltd.

Unified Social Credit Code:

91310114MA1GUXHQ8H

Company Type:

Limited Liability Company (Invested or Controlled by Natural Persons)

Registered Address:

Room 17239, Building 2, No. 4268 Zhen'nan Road, Jiading District, Shanghai, China

Legal Representative:

Deng Hao

Registered Capital:

RMB 3,700,000

◆ Registration Details

Date of Establishment:

September 5, 2018

Business Term:

From September 5, 2018 to September 4, 2048

◆ Registration Authority

Shanghai Jiading District Administration for Market Regulation

Date of Issue:

September 5, 2018



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 **Head Office Main Line:** +86 21 519 000 20

 **Company Headquarters:** Building 12, No. 555 Chengyin Road, Baoshan City Industrial Park, Shanghai, China

About YUEDE Shredders


Shanghai YUEDU Technology Co., Ltd. is a **Shanghai-certified high-tech enterprise** specializing in the development and manufacturing of **shredding and destruction equipment**. We serve a wide range of sectors including **government agencies, financial institutions, military departments, enterprises, and recycling industries**.

Our offerings include **office and industrial-grade paper shredders, hard drive destroyers, plastic crushing systems, and fully customized destruction center solutions**. From design to delivery, we help clients achieve efficient, secure, and compliant material destruction.

Our Mission

We are dedicated to the shredding and destruction industry, continuously solving diverse material shredding and disposal challenges for our clients around the world.

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